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FIG. 1A

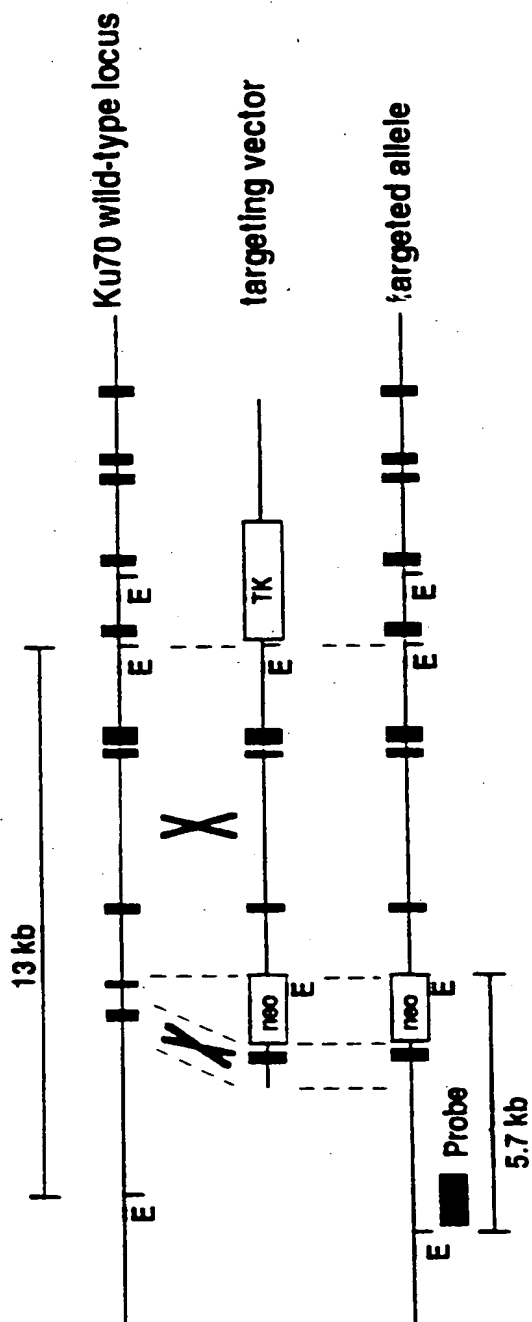


FIG. 1D

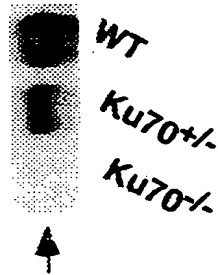


FIG. 1C

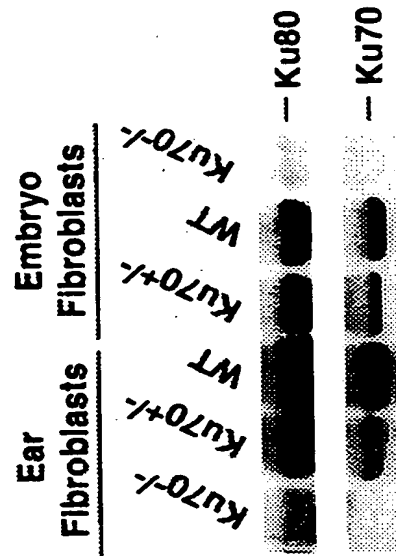
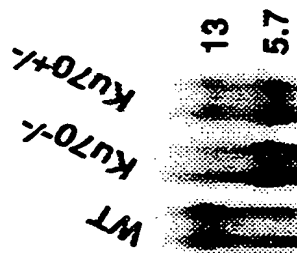


FIG. 1B



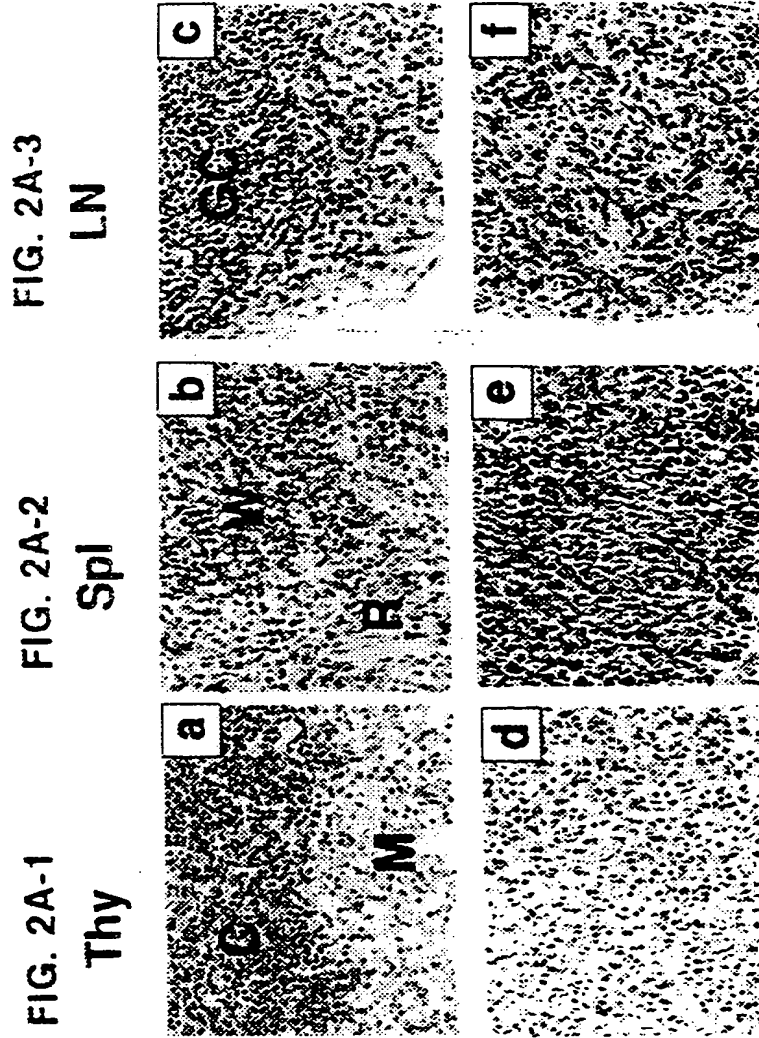


FIG. 2A-1

FIG. 2A-2

FIG. 2A-3

Thy

Spl

LN

wild type
(HE)

Ku80-/-
(HE)

FIG. 2A-4

FIG. 2A-5

FIG. 2A-6

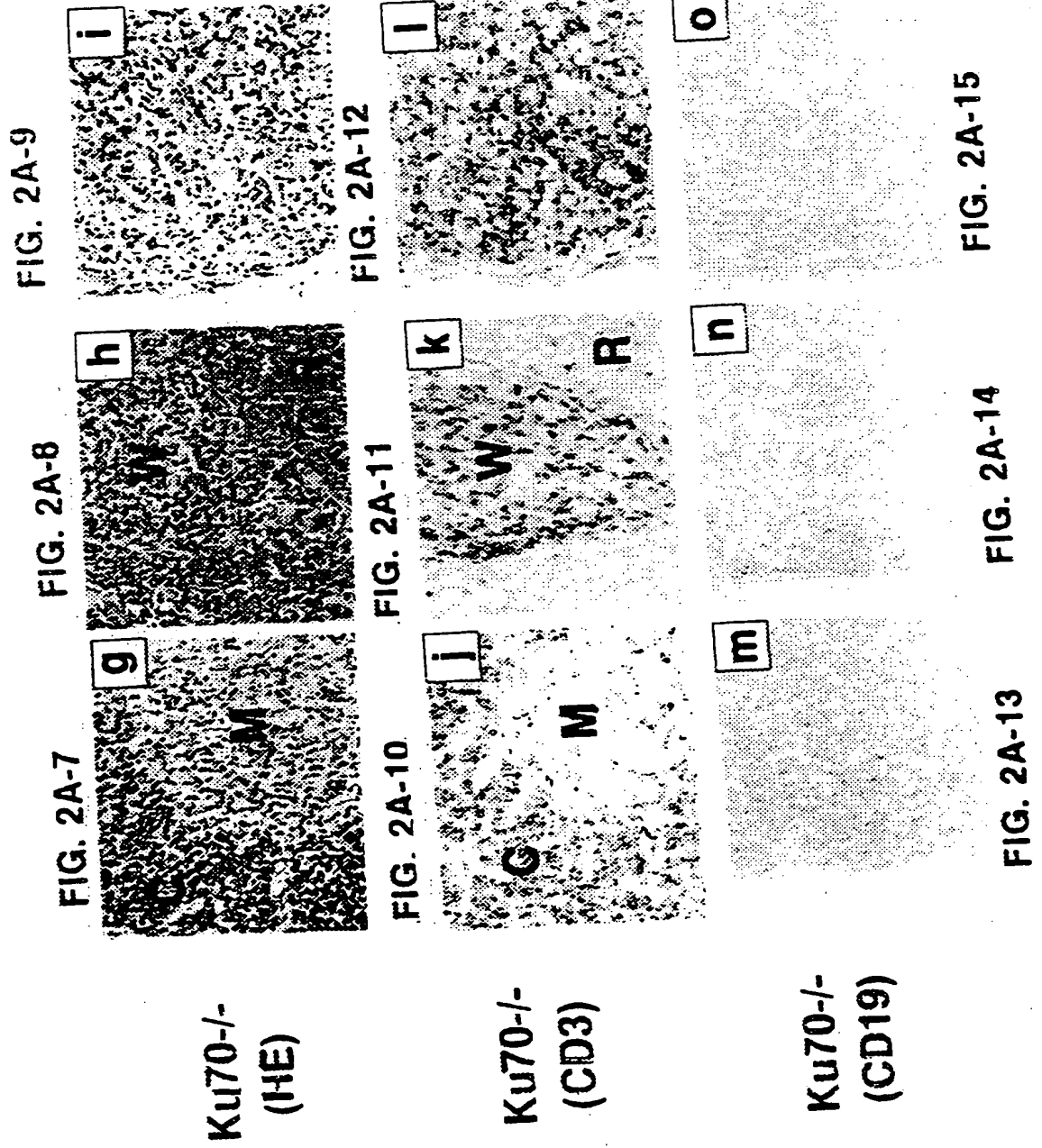


FIG. 2B-1

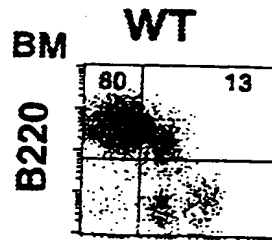


FIG. 2B-2

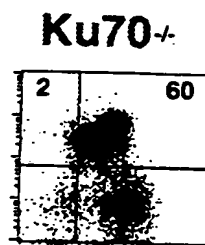
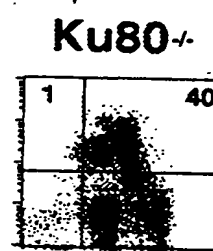


FIG. 2B-3



CD43

FIG. 2B-4

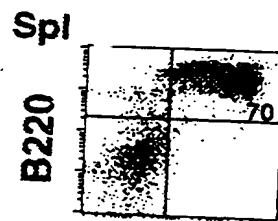


FIG. 2B-5

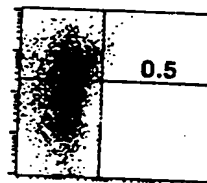
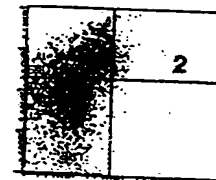


FIG. 2B-6



IgM

FIG. 2B-7

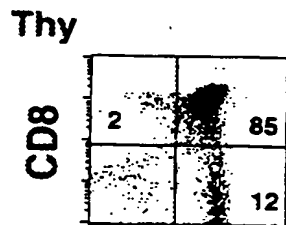


FIG. 2B-8

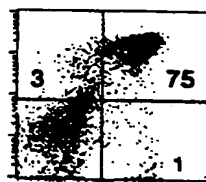
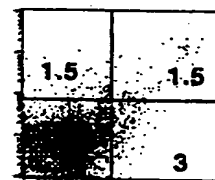


FIG. 2B-9



CD4

FIG. 2B-10

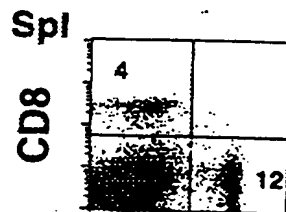
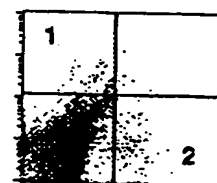


FIG. 2B-11



FIG. 2B-12



CD4

FIG. 2C-1

FIG. 2C-2

FIG. 2C-3

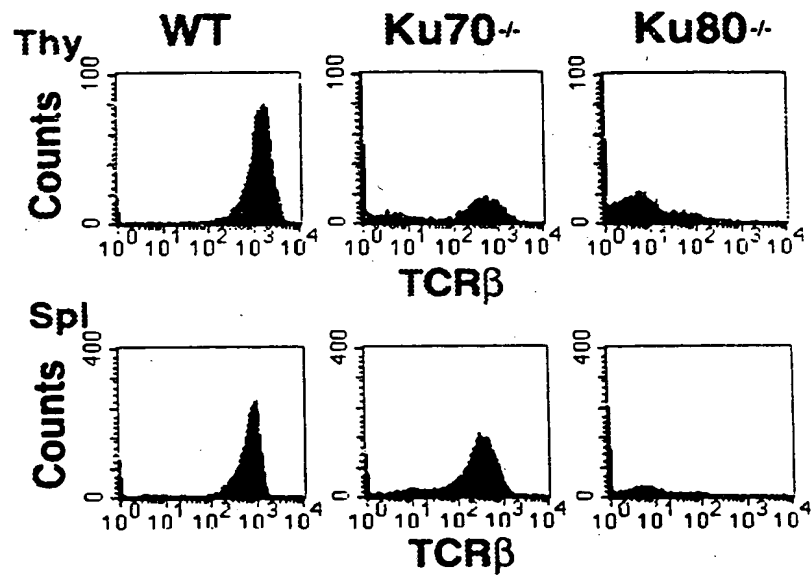


FIG. 2C-4

FIG. 2C-5

FIG. 2C-6

FIG. 3B

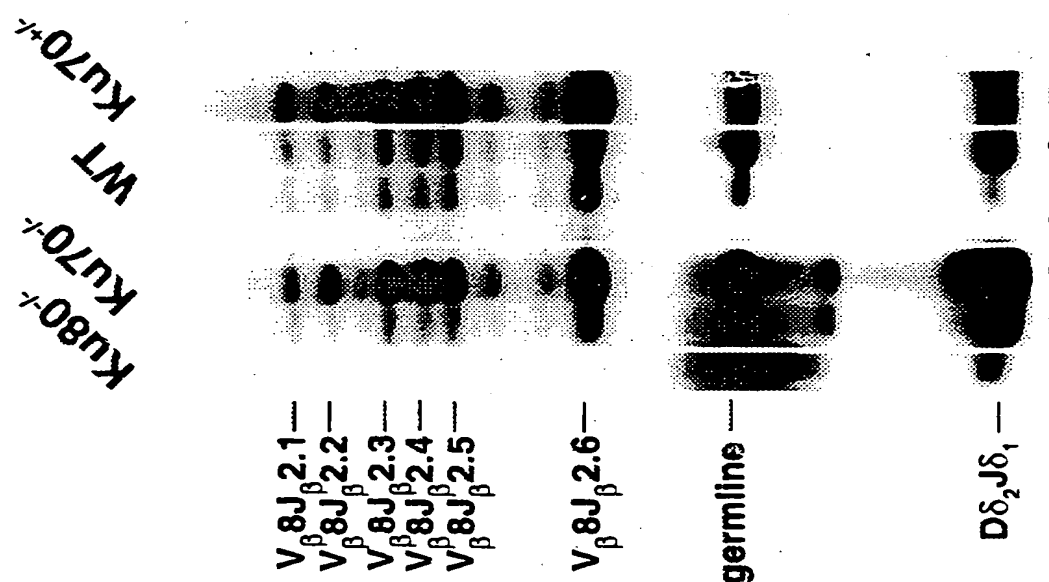
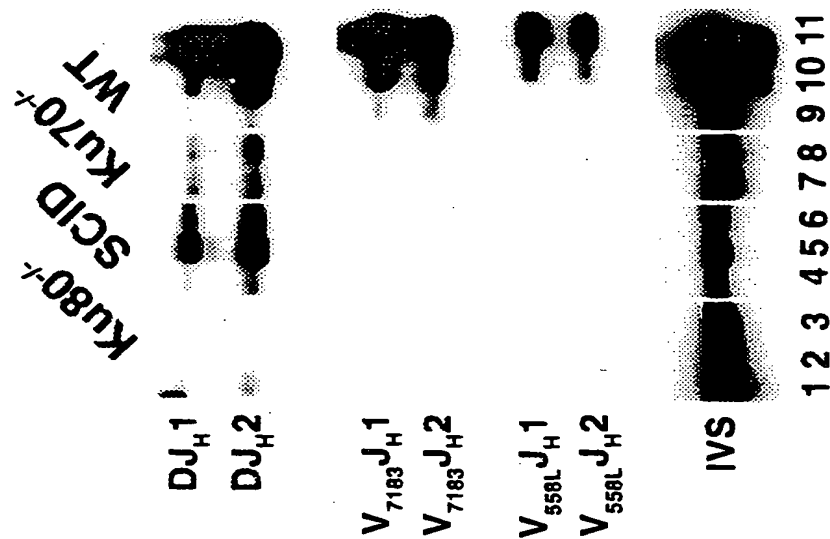


FIG. 3A



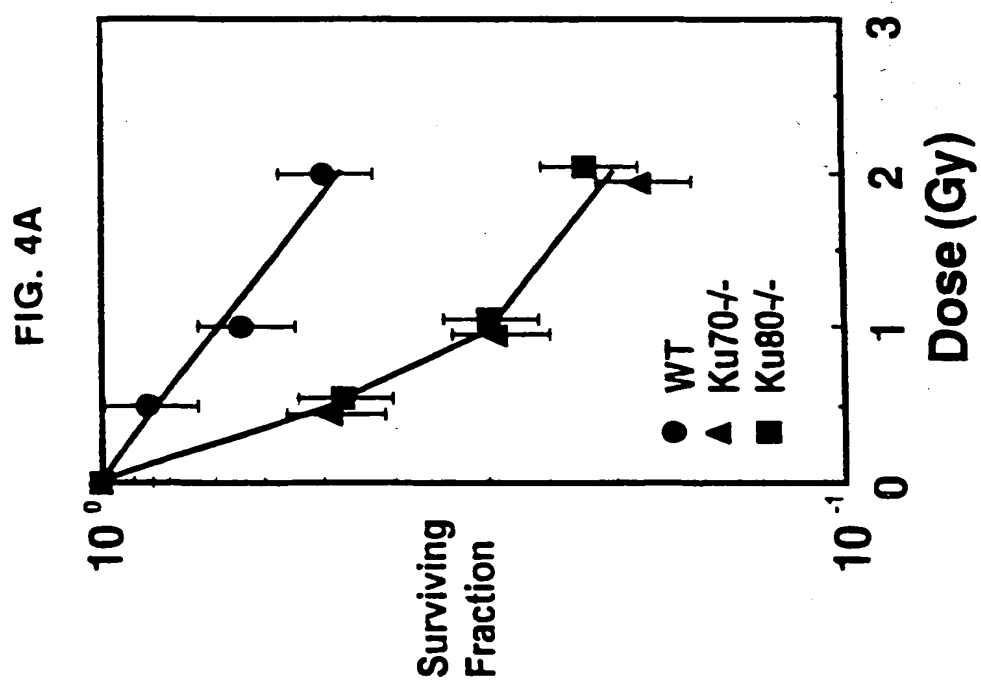
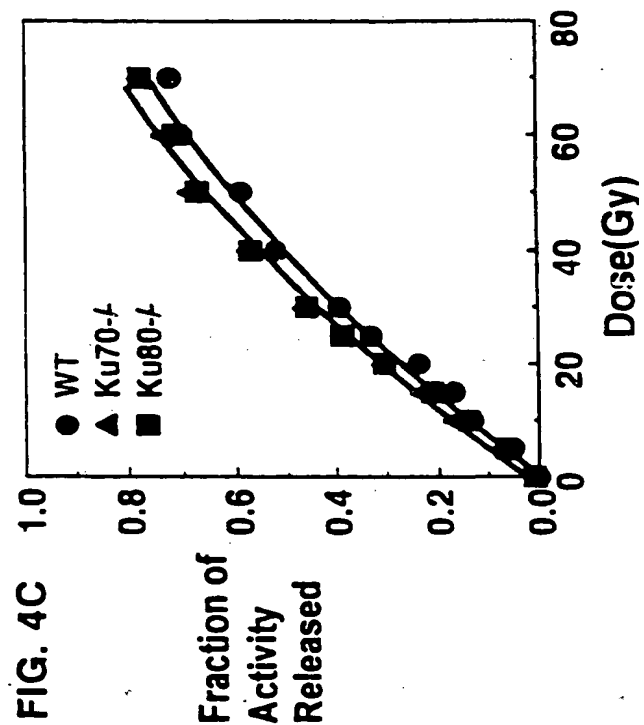
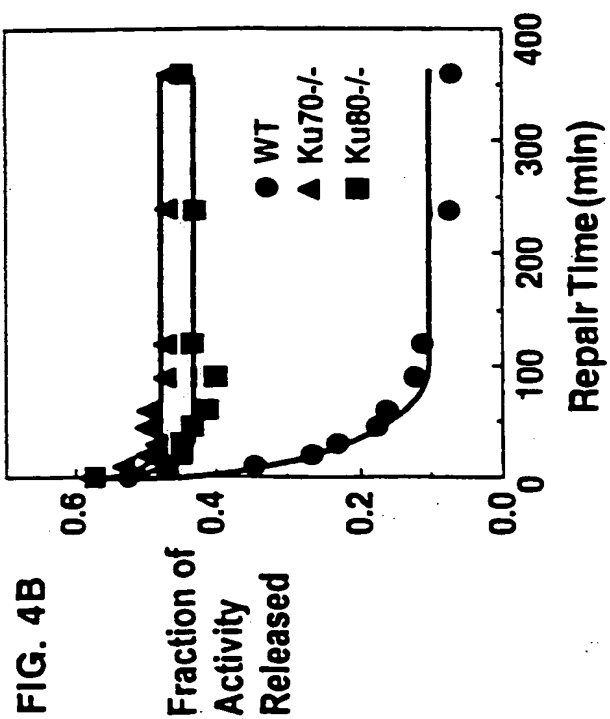


FIG. 5A

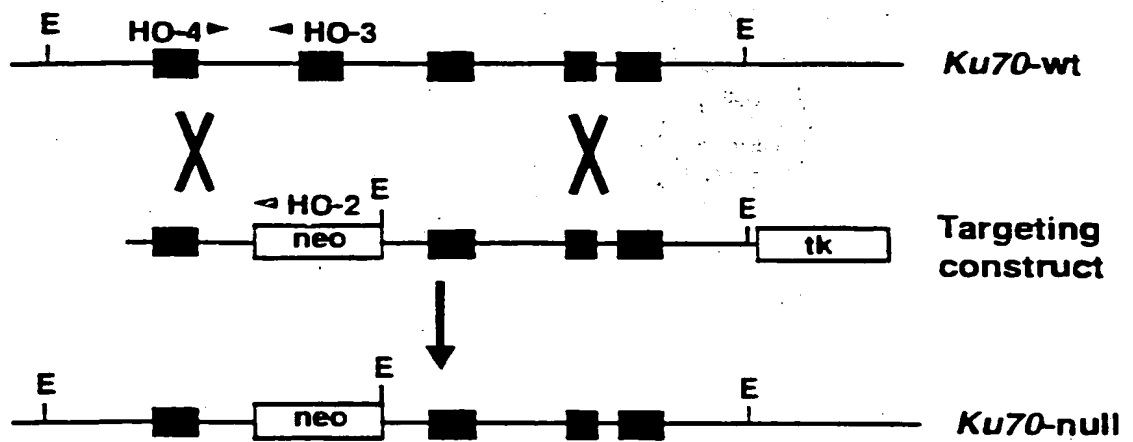
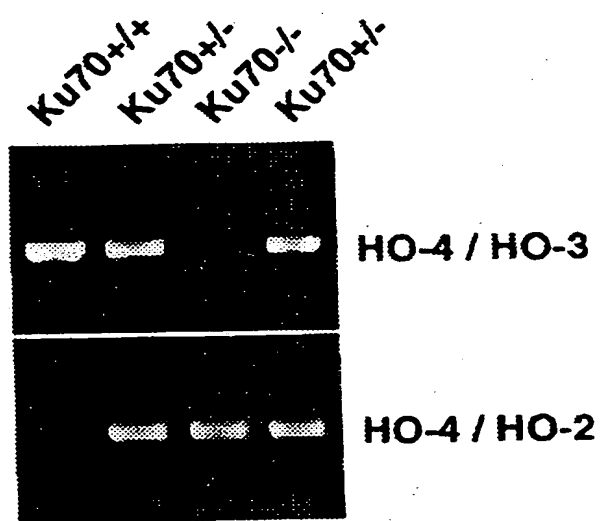


FIG. 5B



11/31

FIG. 5C

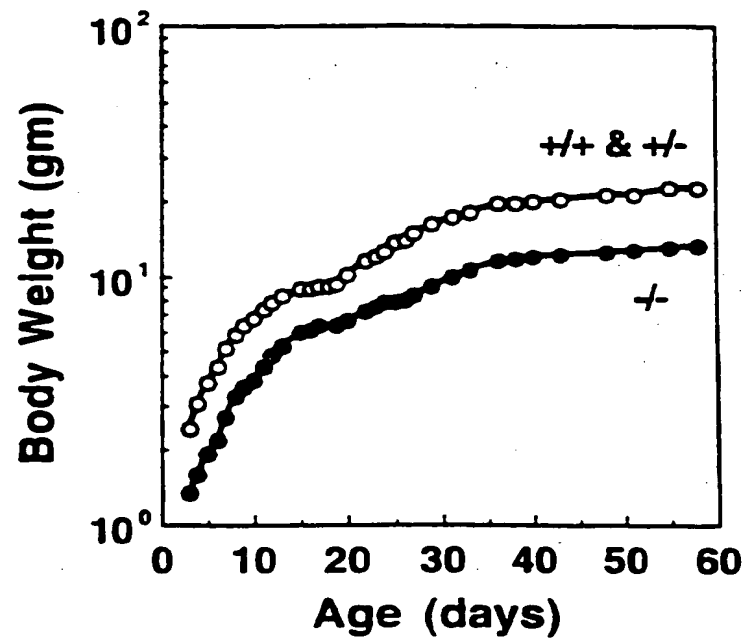
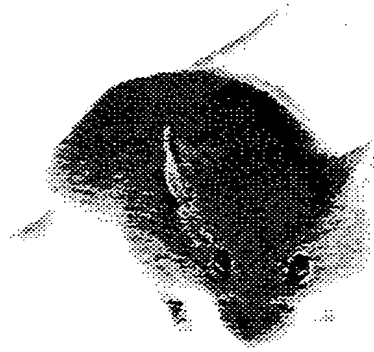
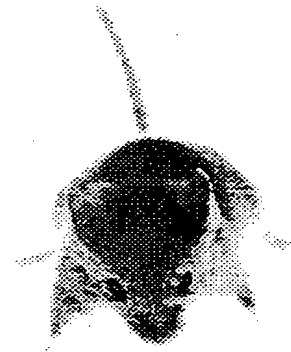


FIG. 5D



Ku70 +/+



Ku70 -/-

FIG. 6

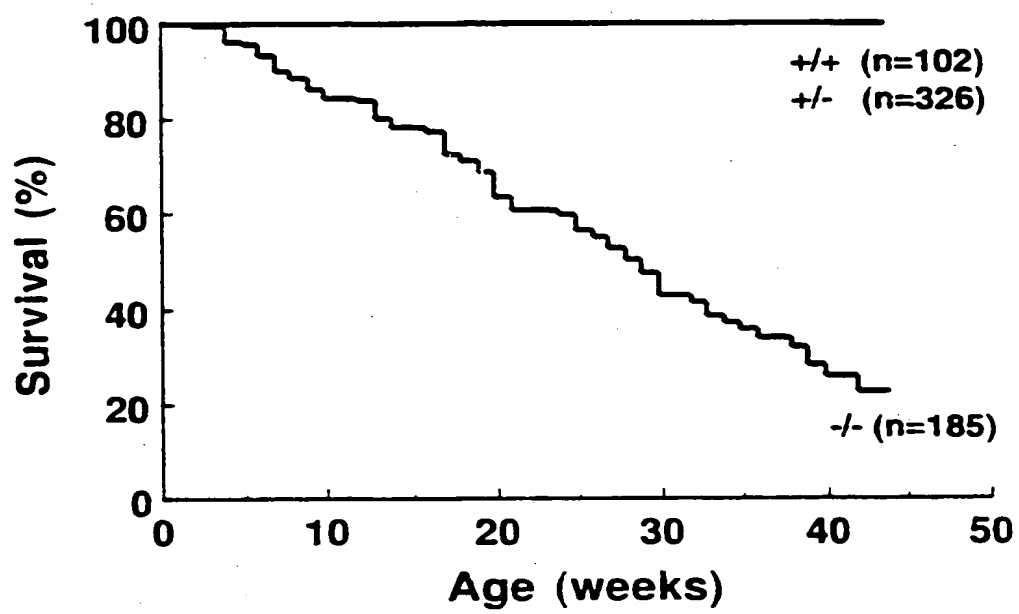


FIG. 7A

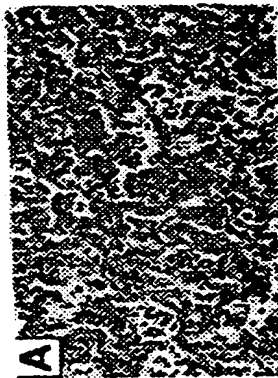


FIG. 7B

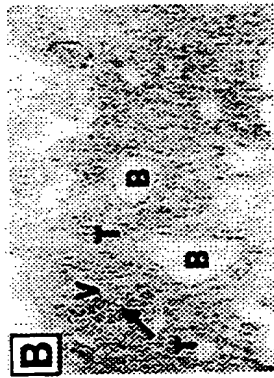


FIG. 7C

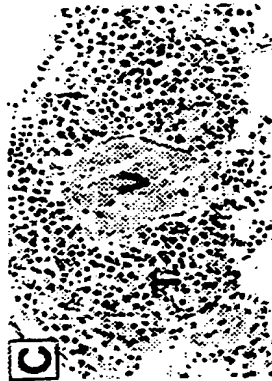


FIG. 7D

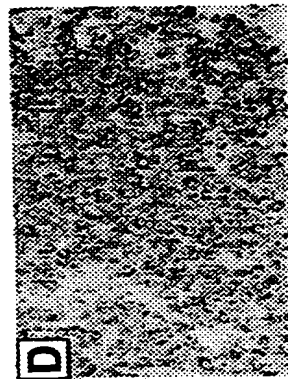


FIG. 7E

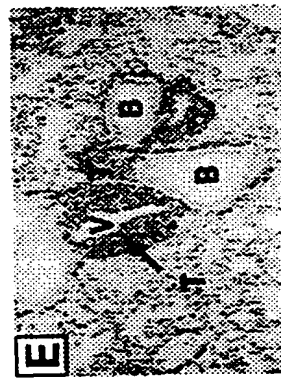


FIG. 7F



FIG. 7G-1

FIG. 7G-2

FIG. 7G-3

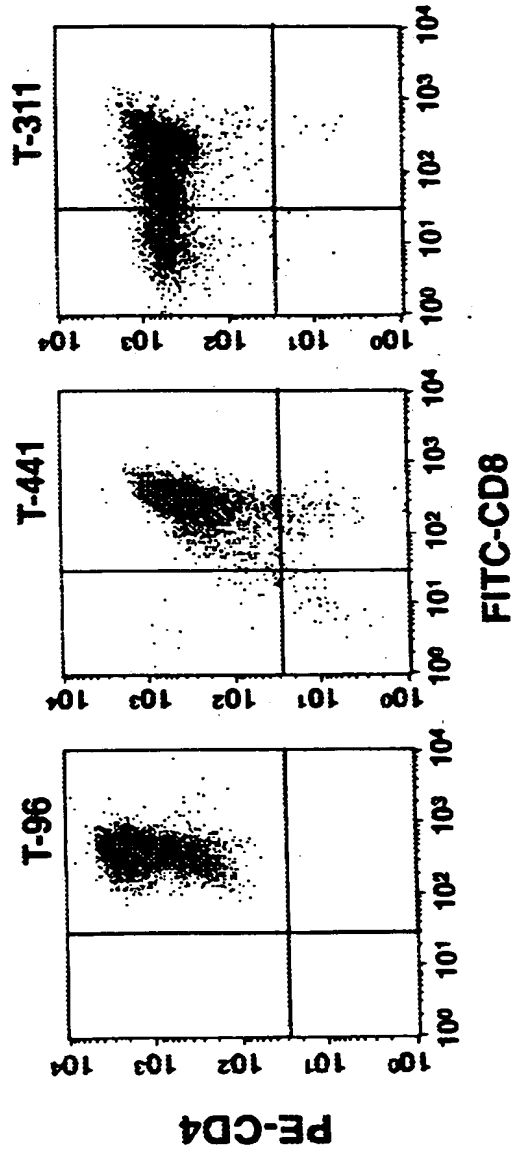


FIG. 8A

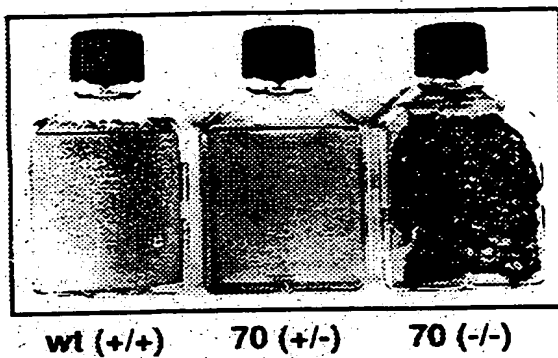


FIG. 8B

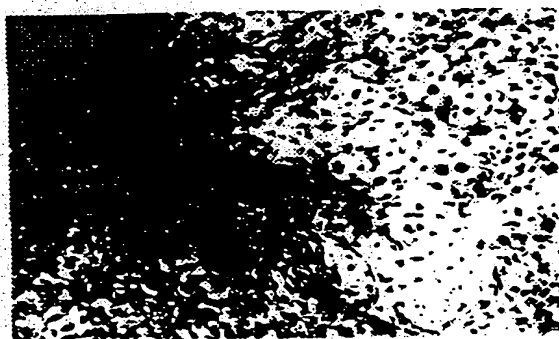


FIG. 8C

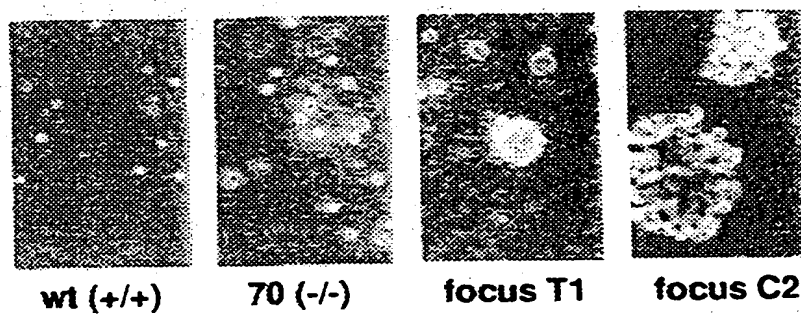


FIG. 9A

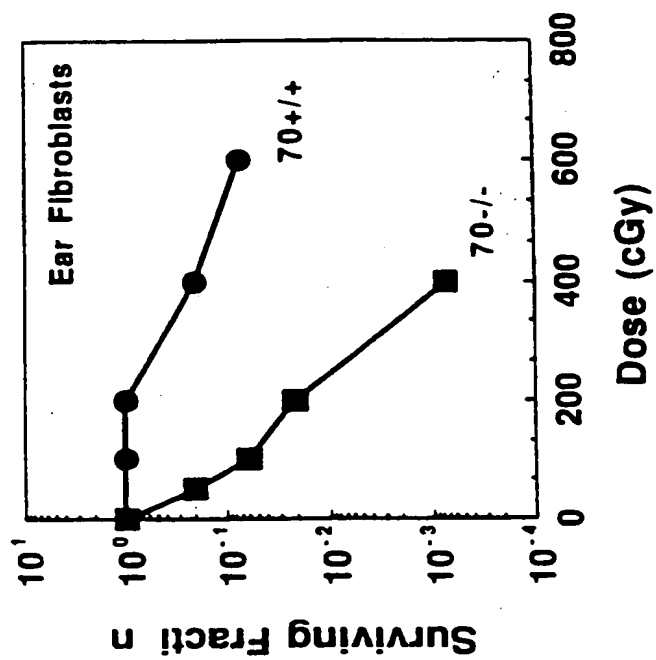


FIG. 9B

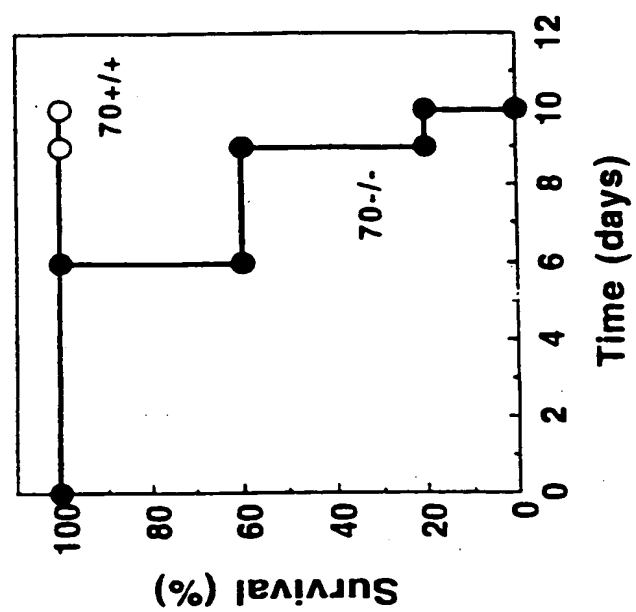


FIG. 10A



FIG. 10B

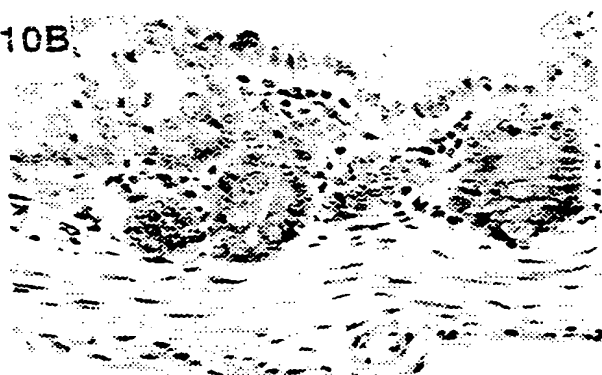


FIG. 10C

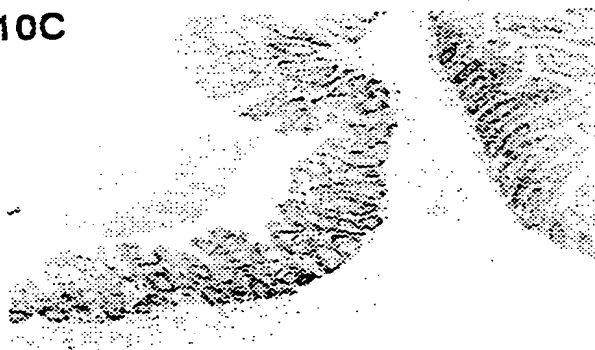


FIG. 11A

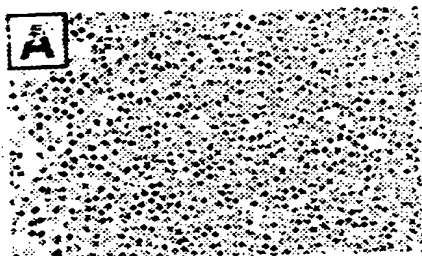


FIG. 11D

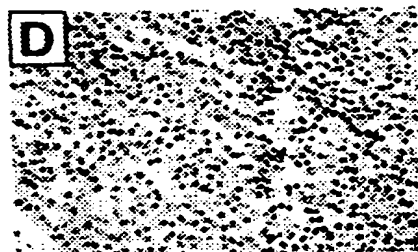


FIG. 11B

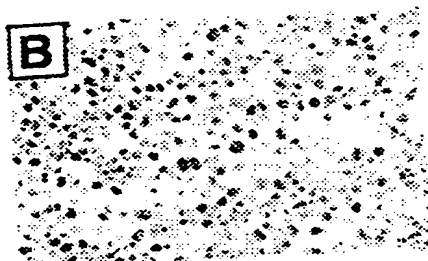


FIG. 11E

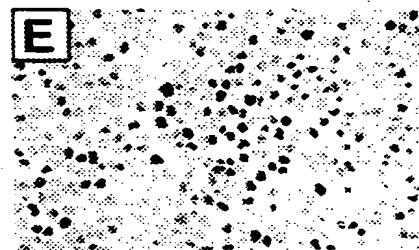


FIG. 11C

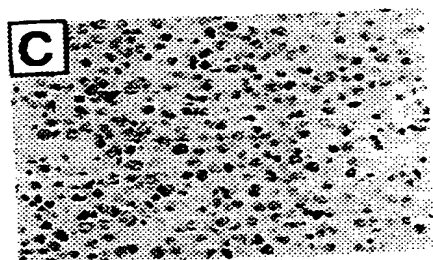


FIG. 11F

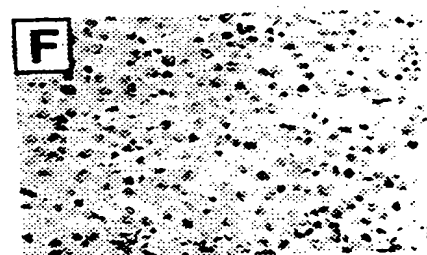


FIG. 11G

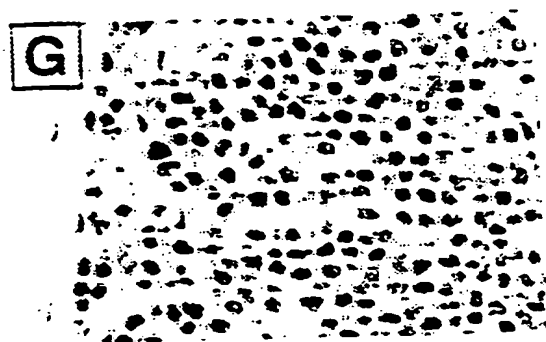


FIG. 11H-1

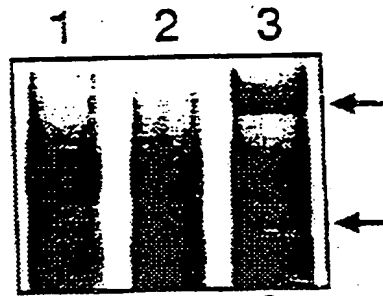


FIG. 11H-2

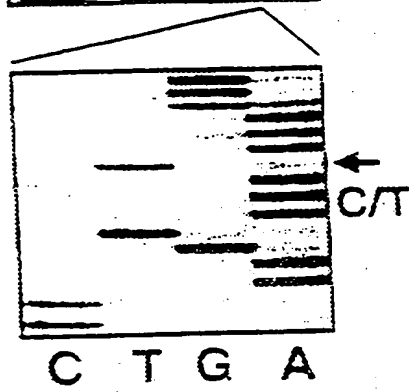


FIG. 11J

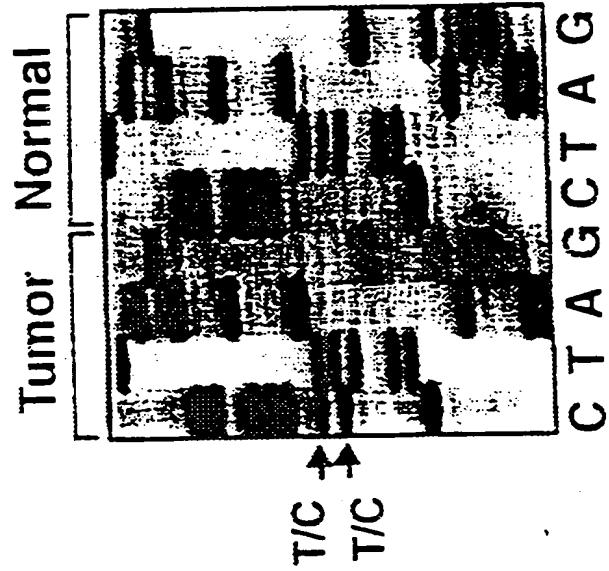


FIG. 11I

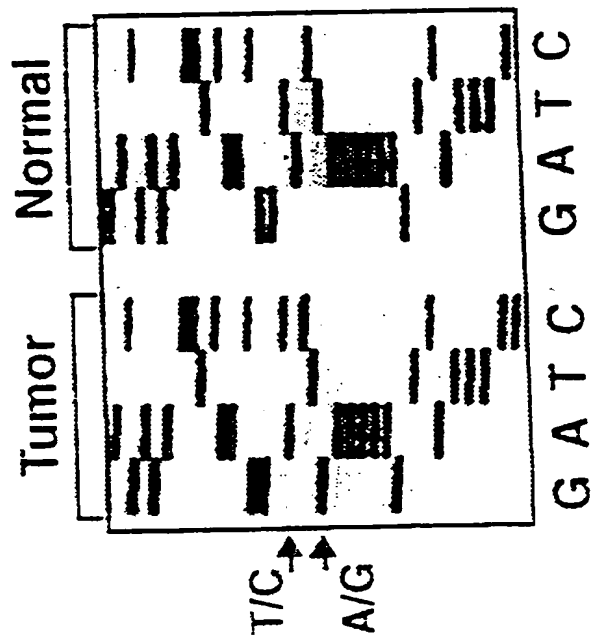


FIG. 12A

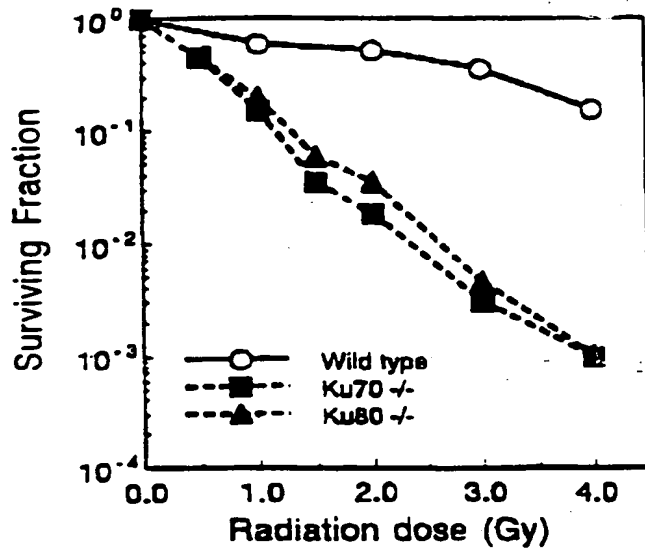


FIG. 12B

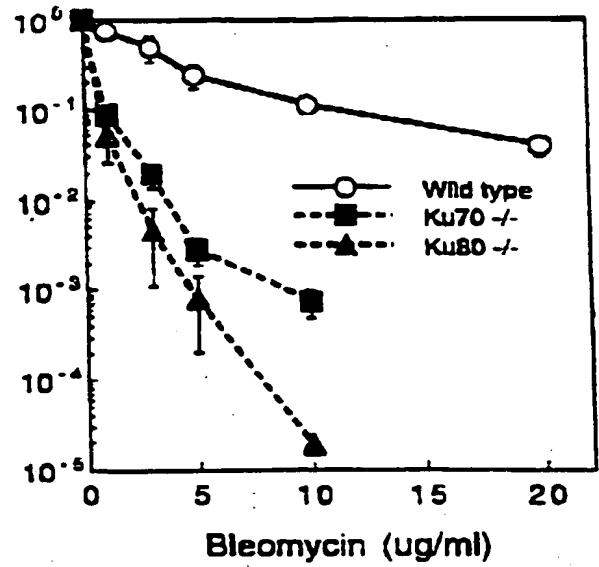


FIG. 12C

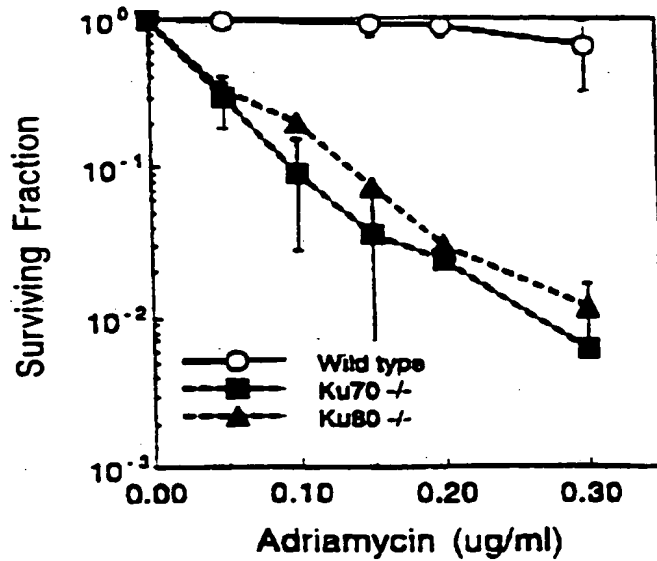


FIG. 12D

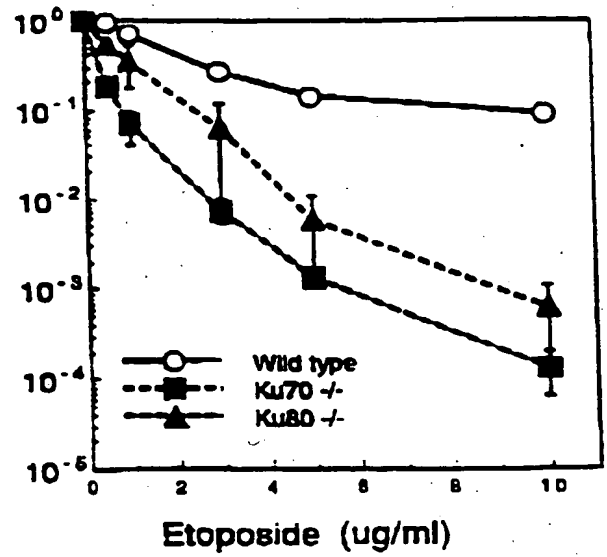


FIG. 13B

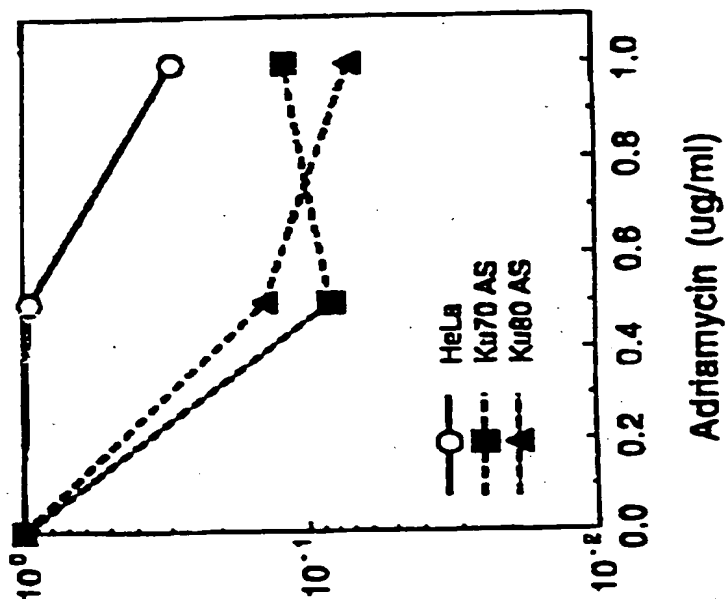


FIG. 13A

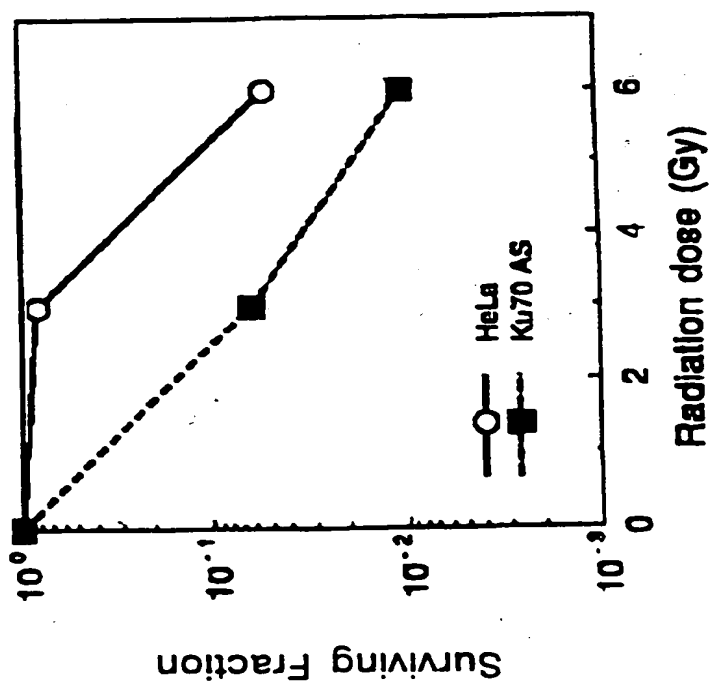
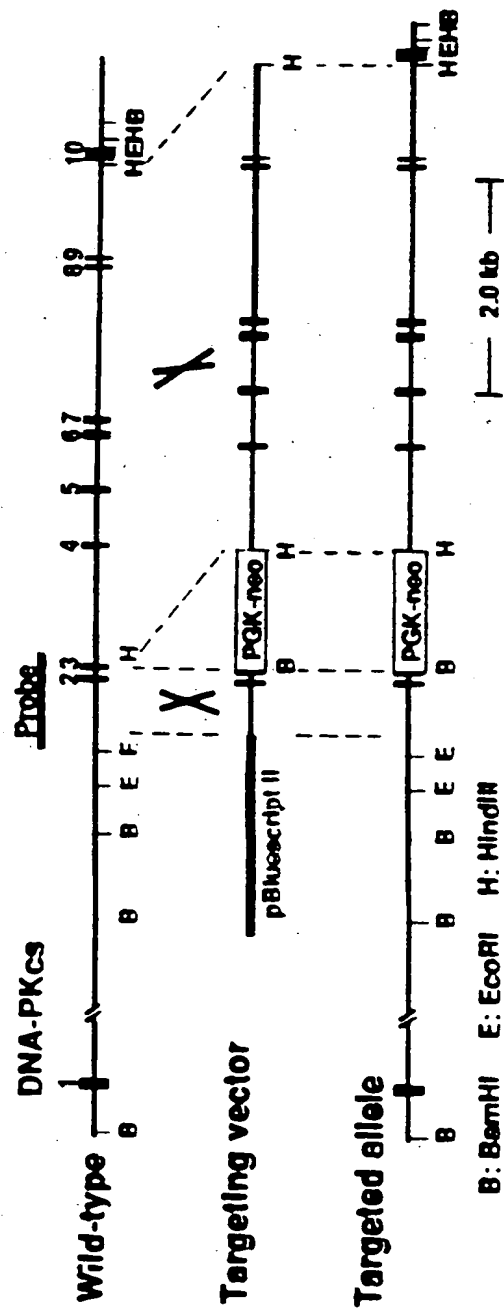


FIG. 14

V _{8.1}		P	N	D _{2.1}	N	P	J _{2.6}
<u>AGCTGTATATTTCTGTGCCAGCAGTGATG</u>				GGGACTGGGGGGGC			CTCCTATGAACAGTACTTCGGTCCCGGCACCA
AGCTGTATATTTCTGTGCCAGCAGTG AGCTGTATATTTCTGTGCCAGC AGCTGTATATTTCTGTGCCAGC AGCTGTATATTTCTGTGCCAGCAGTGA		CGACA CTG		GGAC	AGT		TGAACAGTACTTCGGTCCCGGCACCA (2)
				GG			CTCCTATGAACAGTACTTCGGTCCCGGCACCA
				GGGA			CTATGACAGTACTTCGGTCCCGGCACCA
							GAACAGTACTTCGGTCCCGGCACCA
V _{8.2}		P	N	D _{2.1}	N	P	J _{2.6}
<u>ATCAGTGTACTTCTGTGCCAGCGGTGATG</u>				GGGGGGGC			
ATCAGTGTACTTCTGTGCCAGCGGTG ATCAGTGTACTTCTGTGCCAGCGG ATCAGTGTACTTCTGTGCCAGCGGTA ATCAGTGTACTTCTGTGCCAGC ATCAGTGTATTTCTGTGCCAGC ATCAGTGTACTTCTGTGCCAGCGGTA		GCC	G	GGGGGGGC	TT		TGAACAGTACTTTCGGTCCCGGCACCA
							GAACAGTACTTTCGGTCCCGGCACCA
							GTACTTTCGGTCCAGCGCTCCA
				GG			CTCCTATGAACAGTACTTTCGGTCCCGGCACCA
				GG			TGAACAGTACTTTCGGTCCCGGCACCA
				GGGA			CTCCTATGAACAGTACTTTCGGTCCCGGCACCA
V _{8.3}		P	N	D _{2.1}	N	P	J _{2.6}
<u>ATCTTTGTACTTCTGTGCCAGCAGTGATG</u>				GGGG			
ATCTTTGTACTTCTGTGCCAGCAGTGATG ATCTTTGTACTTCTGTGCCAGC ATCTTTGTACTTCTGTGCCAGCAGTGAT ATCTTTGTACTTCTGTGCCAGCAGTGAT ATCTTTGTACTTCTGTGCCAGCAGTGAT	CA			GGGG	C		CCTATGAACAGTACTTTCGGTCCCGGCACCA
				TG			TACTTTCGGTCCCGGCACCA
							CCTATGAACAGTACTTTCGGTCCCGGCACCA
				TGGG			CCTATGAACAGTACTTTCGGTCCCGGCACCA
							CCTATGAACAGTACTTTCGGTCCCGGCACCA

FIG. 15A



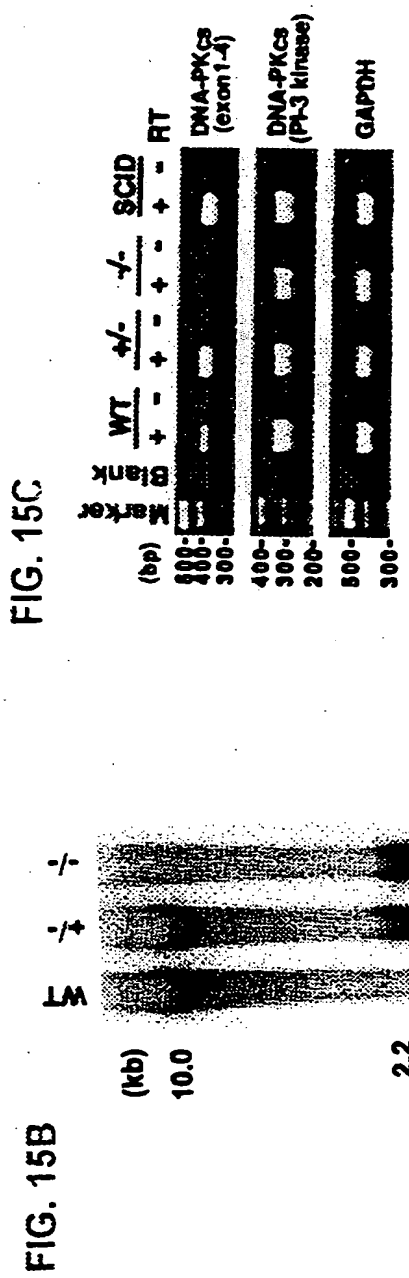


FIG. 15C

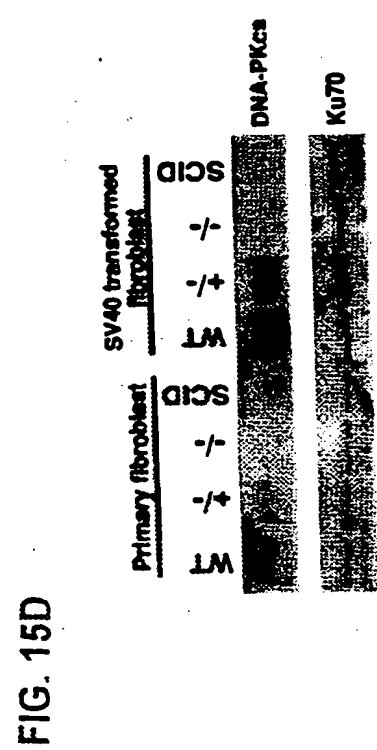
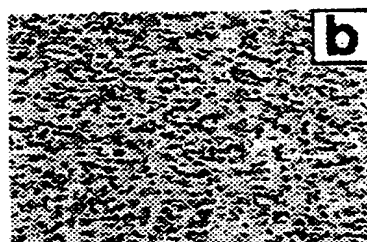


FIG. 16A-1
Wild Type

FIG. 16A-2
PKcs^{-/-}

Thy



Spl

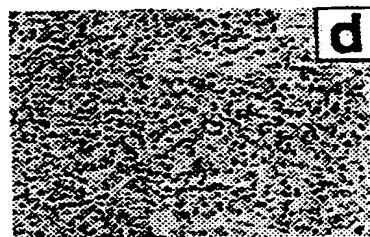


FIG. 16A-3

FIG. 16A-4

LN

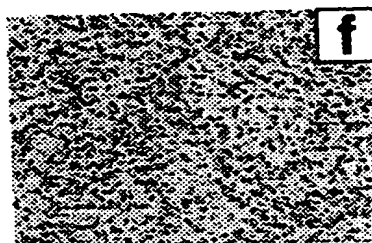
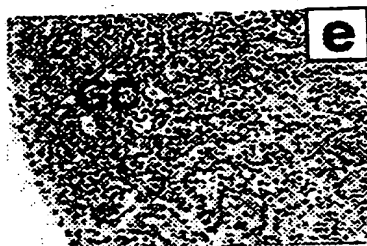


FIG. 16A-5

FIG. 16A-6

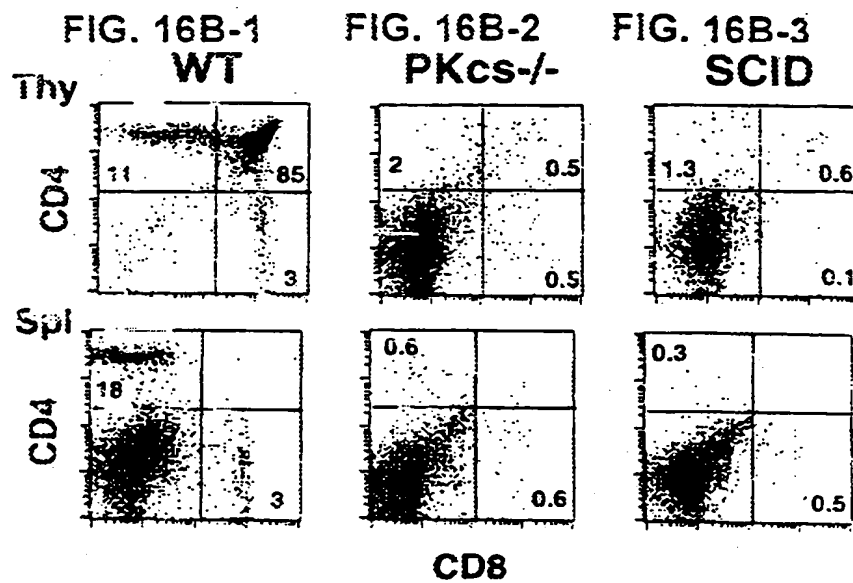


FIG. 16B-4 FIG. 16B-5 FIG. 16B-6

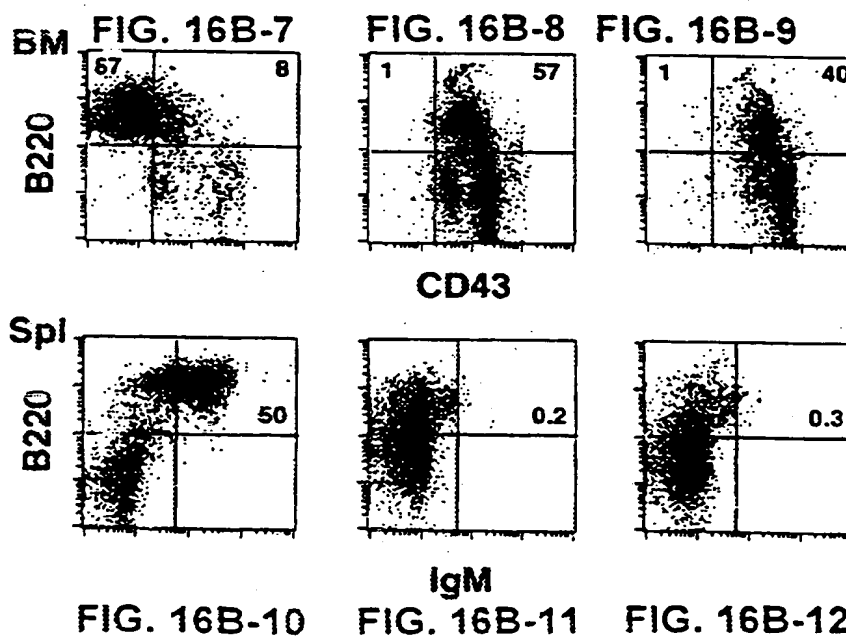


FIG. 16C-2

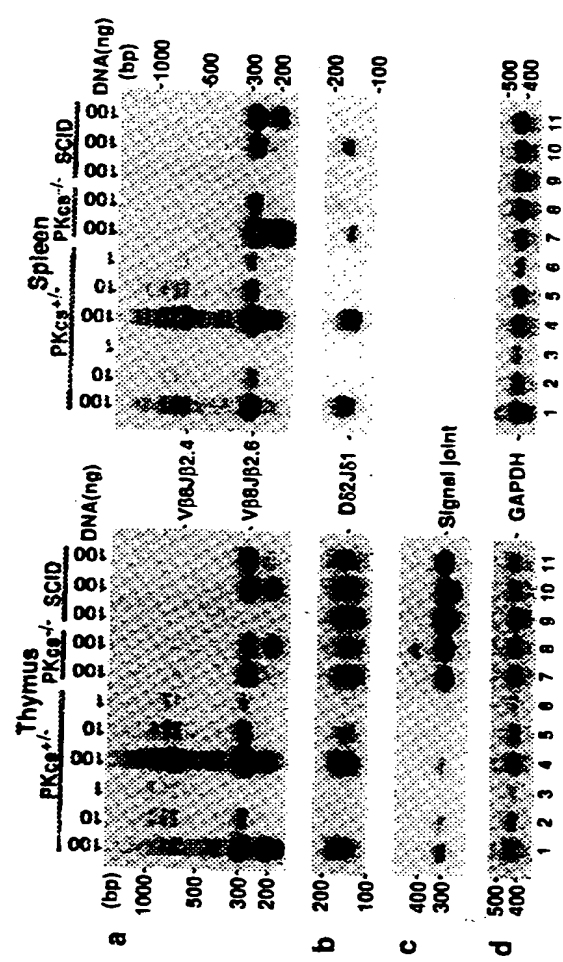


FIG. 16C-1

FIG. 16C-4

FIG. 16C-3

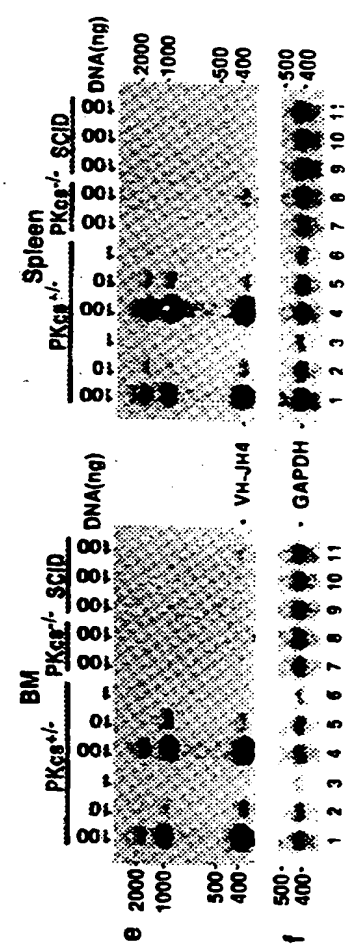


FIG. 17

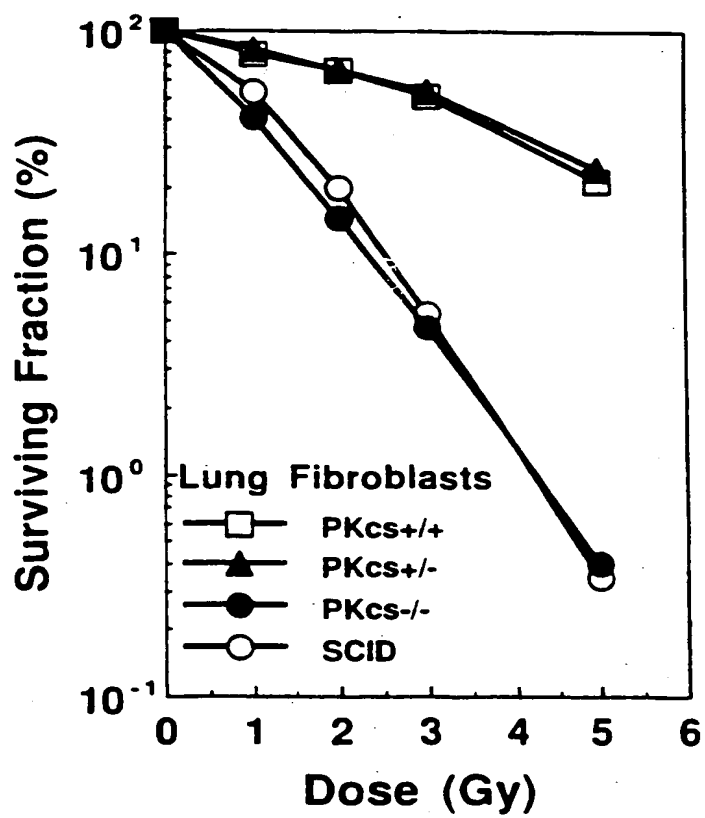


FIG. 18A



FIG. 18C



FIG. 18B



FIG. 18D



FIG. 18E